

Active Recombinant Cynomolgus ERBB2, His-tagged

Cat. No. ERBB2-206C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus ERBB2 Protein (1-652aa, Rhesus ERBB2 XP_001090430.1 with Asp121Asn/Leu122Pro mutation, similar to Macaca fascicularis ERBB2 EHH58073.1), was expressed in HEK293 with C-terminal polyhistidine tag.
Species	Cynomolgus
Source	HEK293
ProteinLength	1-652 aa
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Immobilized Her2/ERBB2 Protein, Cynomolgus, Recombinant (His Tag) at 2 µg/ml (100 µl/well) can bind Anti-ErbB2 Antibody (Trastuzumab), the EC50 is 6-40 ng/mL.
Molecular Mass	The recombinant cynomolgus ERBB2 comprises 641 amino acids and has a calculated molecular mass of 70.8 KDa. The apparent molecular mass of it is approximately 80-105 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.

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Storage

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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